

FLOW 33

Industrial flow meter

It is an induction flow meter with a possibility of full stainless steel design in compact design without a display which is intended for a wide range of technological processes. Thanks to its unique structure made of stainless steel, it is ideal for use where long service life in very harsh conditions of heavy industry is required. The meter is equipped with two information LEDs indicating the state of the meter. The pulse output with a variable pulse number and the 4 ÷ 20mA current loop are the outputs of the meter. Electrical connection is provided via a standard M12 connector.



Main merits

- Very firm structure made of high quality steel grade
- Status signalling with LEDs
- High abrasion resistance
- Standard M12 connector for electrical connection is used
- User default possibility
- Variable volume pulse number
- Possibility of using various materials for production of measuring tubes
- The flow sensor can be modified to very aggressive or alkaline fluids
- Simple and trouble-free operation and maintenance

Flow meter specification

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|------------------------------------|---|
| Diameter Nominal range | DN 6 ÷ DN 300 |
| Supply voltage | 15 ÷ 24 V DC |
| Instrument power consumption | 4.2 VA |
| Maximum operating pressure [MPa] | up to 4.0 MPa |
| Maximum operating temperature [°C] | up to 90°C |
| Process connection | Sandwich • threaded • food industry screw fitting (DIN 11851) |
| Construction | Compact |
| IP code | IP 54 • IP 65 • IP 67 |
| Display | No display |
| Max. permitted ambient temperature | 55°C |
| Outputs, communication | Pulse, 4 ÷ 20 mA current loop |
| Input signals | Upon agreement with the manufacturer |
| Pulse output constant | arbitrary, max. 800 Hz with adjustable pulse width |
| Qmin/Qmax flow measurement range | 1:60 |
| Flow meter accuracy | Accuracy 0.5%; repeatability 0.2% (in basic range) |